

This document summarises the topics in Version 9 of the Australian Curriculum which do not align with the Haese Mathematics 2<sup>nd</sup> edition Australian Curriculum textbooks, and outlines which of these topics are included in the digital supplement.

Curriculum Topic	Notes
<b>Year 5</b>	
Line graphs (AC9M5ST02)	This content is included in the digital supplement (Chapter 26).
Coordinates with two numbers (AC9M5SP02)	This content is included in the digital supplement (Chapter 27).
Percentages (AC9M5N04)	This content is included in the digital supplement (Chapter 28).
Adding and subtracting fractions with related denominators (AC9M5N05)	In Year 5, fractions with the same denominators are added and subtracted. Addition and subtraction with related denominators is introduced in Year 6.
<b>Year 6</b>	
Estimation (AC9M6N08)	This content is included in the digital supplement (Chapter 19).
Range (AC9M6ST01)	The range is introduced in Year 7.
Continuous numerical variables (AC9M6ST01)	In Year 6, only discrete numerical data is studied, since it is only sensible to find the measures of centre of discrete data.
<b>Year 7</b>	
The circumference of a circle (AC9M7M03)	This content is included in the digital supplement (Chapter 21).
The angle sum of a polygon (AC9M7M05)	In Year 7, the angle sum of a quadrilateral is studied. The generalisation to an $n$ -sided polygon is studied in Year 8.
The distribution of data (AC9M7ST01, AC9M7ST02)	Describing the distribution of data as symmetric or skewed is first done in Year 9.
<b>Year 8</b>	
Linear inequalities (AC9M8A02)	This content is included in the digital supplement (Chapter 21).
Tree diagrams (AC9M8P02)	This content is included in the digital supplement (Chapter 22).
Similarity (AC9M8SP01)	This content is included in the digital supplement (Chapter 23).
Pythagoras' theorem (AC9M8M06)	This content is included in the digital supplement (Chapter 24).
Three-dimensional coordinates (AC9M8SP03)	Three-dimensional coordinates are studied at Years 9 and 10.
Capacity (AC9M8M02)	The volume and capacity of right prisms is studied in Year 7. Capacities of more complicated solids (cylinders, tapered solids, spheres) are studied in Year 9.

<b>Year 9</b>	
SI unit prefixes “pico” ( $10^{-12}$ ) and “tera” ( $10^{12}$ ) (AC9M9A01)	Prefixes from “nano” ( $10^{-9}$ ) to “giga” ( $10^9$ ) are studied.
Transformations of quadratic functions (AC9M9A06)	In Year 9, quadratic functions are graphed by either translating ( $y=(x-h)^2+k$ ) or stretching ( $y=ax^2$ ). Combining these transformations is studied in Year 10.
Pythagoras’ theorem (Chapter 10) and Congruence and Similarity (Chapter 22) are included in the digital supplement, and should be studied <i>instead</i> of the existing Chapters 10 and 22 in the textbook, to avoid repetition of material with the Year 8 digital supplement.	
<b>Year 10</b>	
Networks (AC9M10SP02)	Networks are studied in Year 9.